

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2005/050072

|  |   |                       |
|--|---|-----------------------|
| <b>A. CLASSIFICATION OF SUBJECT MATTER</b><br>IPC 7 G01R33/561   |   |                       |
| According to International Patent Classification (IPC) or to both national classification and IPC  |   |                       |
| <b>B. FIELDS SEARCHED</b><br>Minimum documentation searched (classification system followed by classification symbols)<br>IPC 7 G01R   |   |                       |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  |   |                       |
| Electronic data base consulted during the International search (name of data base and, where practical, search terms used)<br>EPO-Internal, INSPEC, WPI Data   |   |                       |
| <b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>  |   |                       |
| Category *   | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
| X  | Q.ZHANG ET AL.: "Improving True-FISP Parallel Cine Imaging using a New Data-acquisition Scheme for Coil Sensitivity Calibration"<br>PROC. INTL. SOC. MAG. RESON. MED. 11, 2003,<br>page 2329, XP002316861<br>conference abstract<br>----- | 1-8                   |
| X  | P.SCIPIO ET AL.: "High angular resolution DTI of the pyramidal tracks using Sense technique"<br>PROC. INTL. SOC. MAG. RESON. MED. 11, 2003,<br>page 2128, XP002316862<br>conference abstract<br>-----<br>-/-                              | 1-8<br>-/-            |
| <input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.  |   |                       |
| <p>* Special categories of cited documents :</p> <p>'A' document defining the general state of the art which is not considered to be of particular relevance</p> <p>'E' earlier document but published on or after the International filing date</p> <p>'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>'O' document referring to an oral disclosure, use, exhibition or other means</p> <p>'P' document published prior to the International filing date but later than the priority date claimed</p> <p>'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>'&amp;' document member of the same patent family</p> |   |                       |
| Date of the actual completion of the International search  | Date of mailing of the International search report  |                       |
| 9 February 2005  | 23/02/2005  |                       |
| Name and mailing address of the ISA<br>European Patent Office, P.B. 5818 Patentlaan 2<br>NL - 2280 HV Rijswijk<br>Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,<br>Fax: (+31-70) 340-3016   | Authorized officer<br>Lersch, W   |                       |

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
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| X          | US 5 910 728 A (SODICKSON ET AL)<br>8 June 1999 (1999-06-08)<br>column 12, line 65 - column 13, line 28<br>column 15, line 25 - column 15, line 58<br>-----  | 1-3,5-8               |
| X          | SODICKSON D K ET AL: "SMASH IMAGING"<br>MAGNETIC RESONANCE IMAGING, TARRYTOWN, NY,<br>US,<br>vol. 7, no. 2, May 1999 (1999-05), pages<br>237-254, XP001018294<br>ISSN: 0730-725X<br>see pages 243-249<br>----- | 1-3,5-8               |

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/IB2005/050072

| Patent document cited in search report | Publication date |    | Patent family member(s) |  | Publication date |
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|  |                  | DE | 69722827 D1             |  | 17-07-2003       |
|  |                  | DE | 69722827 T2             |  | 06-05-2004       |
|  |                  | EP | 1243938 A2              |  | 25-09-2002       |
|  |                  | EP | 1015903 A1              |  | 05-07-2000       |
|  |                  | ES | 2201331 T3              |  | 16-03-2004       |
|  |                  | JP | 2001503662 T            |  | 21-03-2001       |
|  |                  | WO | 9821600 A1              |  | 22-05-1998       |